

ILLINOIS WEATHER & CROPS



**ILLINOIS
AGRICULTURAL
STATISTICS SERVICE**

Box 18283, Springfield, IL 62794-8283

Phone: (217) 492-4295

**U. S. DEPARTMENT OF AGRICULTURE
ILLINOIS DEPARTMENT OF AGRICULTURE**



**ILLINOIS STATE
WATER SURVEY**

Illinois Department
of Energy
and Natural Resources

2204 Griffith Drive
Champaign, Illinois 61820
Phone: (217) 333-0729



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CROPS

Scattered rains at midweek, followed by some heavy rains over the weekend, particularly in the southern half of Illinois, improved the moisture content of the soil. Six districts in the southern two-thirds of the State reported surplus moisture, while some areas were still reporting virtually no rain since April 15, 1987. Wheat harvest is winding down and should be completed in record time. Farmers have also been cultivating and walking beans, spraying weeds, baling hay and straw, mowing and baling set-aside acres, spraying for corn borer, and preparing for and beginning to harvest oats. For the week of June 27-July 3, there was an average of four and one-quarter days reported as suitable for fieldwork. All districts reported five and one-half days or less as suitable.

On July 5, 47% of the CORN acreage was silked (tasseled) compared to 29% last year and the average of 12%. The average height of all corn that had emerged was 69 inches compared to 64 inches last year and the average of 49 inches. The average height of the most advanced fields was 82 inches compared to 79 inches last year and the average of 66 inches. Condition of the corn crop on July 3 was reported to be 24% excellent, 65% good, 10% fair, and 1% poor.

On July 5, 63% of the SOYBEAN crop was blooming compared to 37% last year and the average of 19%. Thirteen percent of the soybeans were setting pods compared to 9% last year and the average of 3%. Condition of the soybean crop on July 3 was reported to be 10% excellent, 71% good, 16% fair, and 3% poor.

By July 5, 95% of the WINTER WHEAT acreage was harvested, compared to 68% last year and the average of 55%. Condition of the crop on July 3 was reported as 28% excellent, 65% good, and 7% fair.

OATS condition on July 3 was reported as 5% excellent, 68% good, 21% fair, 3% poor, and 3% very poor. Eighty-eight percent of the acreage was turning yellow compared to 76% last year and the average of 53%. Fifty percent of the acreage was ripe, compared to 27% last year and the average of 16%.

Condition of the SORGHUM crop was rated as 9% excellent, 75% good, and 16% fair.

The second crop of ALFALFA HAY was 58% complete on July 5, compared to 37% last year and the average of 41%. Condition of the crop on July 3 was reported as 7% excellent, 57% good, 28% fair, and 8% poor.

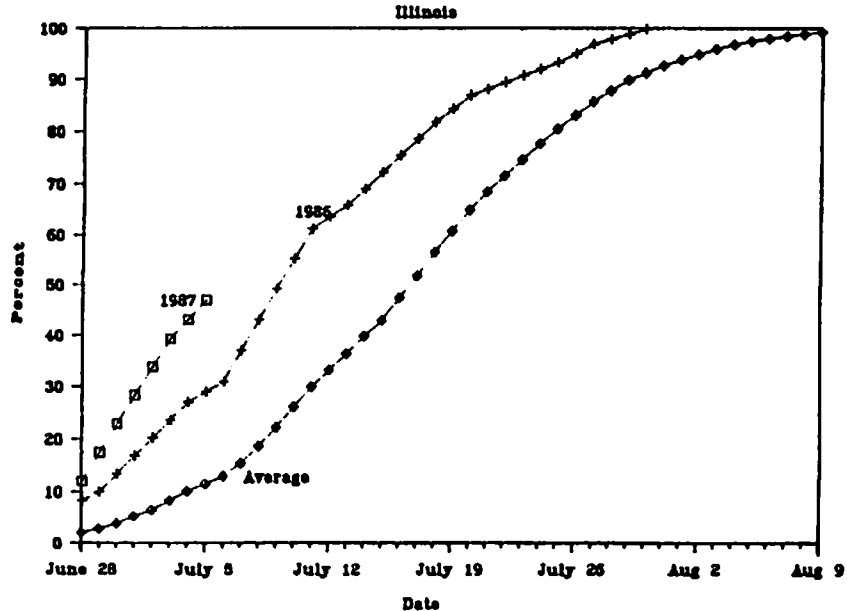
PASTURE condition on July 3 was reported to be 2% excellent, 40% good, 42% fair, 13% poor, and 3% very poor.

SOIL MOISTURE on July 3 was reported as 44% short, 50% adequate, and 6% surplus.

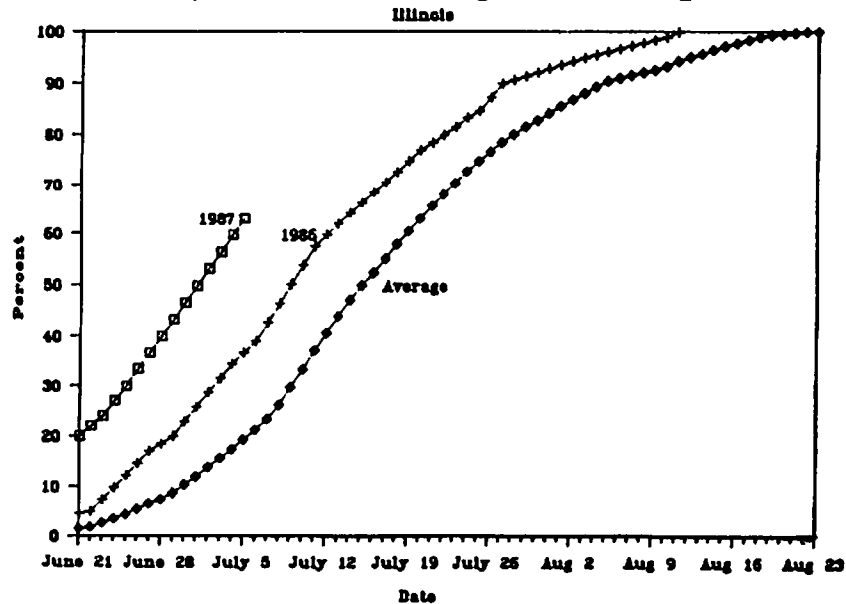
ILLINOIS CROP REPORTING DISTRICT SUMMARY

District	: Corn %		: Soybeans	: Days Suit-	: Soil		
	: silking	: percent	: able for	: Moisture Percent			
	:(tasseling):	: blooming	: fieldwork	:Short	:Adequate:	: Surplus	
<hr/>							
	: Week ending July 5			: Week ending July 3			
Northwest	: 25	40	5.5	65	35	0	
Northeast	: 15	40	5.5	85	15	0	
West	: 60	60	5.5	65	20	15	
Central	: 60	65	4.5	65	35	0	
East	: 40	80	3.0	25	65	10	
West-Southwest	: 65	75	4.5	45	50	5	
East-Southeast	: 70	70	3.5	40	55	5	
Southwest	: 60	50	3.5	10	85	5	
Southeast	: 45	50	3.5	0	85	15	
<hr/>							
State	: 47	63	4.25	44	50	6	
5-Yr. Avg.	: 12	19					

Corn - Acreage Silked (Tasseled)



Soybeans - Acreage Blooming



WEATHER

TEMPERATURES AVERAGED CLOSE TO NORMAL IN THE EAST IN THE PAST 7 DAYS. ELSEWHERE READINGS AVERAGED 1 TO 3 DEGREES COOLER THAN USUAL. TEMPERATURE EXTREMES RANGED FROM AFTERNOON HIGHS IN THE MIDDLE 90'S ON THE 30TH OF JUNE TO MORNING LOWS IN THE LOWER 50'S ON THE 2ND OF JULY.

PRECIPITATION WAS WIDESPREAD AND INCOMING TOTALS WERE MODERATE TO HEAVY OVER MUCH OF SOUTHERN AND EAST-CENTRAL SECTIONS OF THE STATE. IN NORTHERN AND WEST-CENTRAL ILLINOIS TOTALS RANGED FROM A THIRD OF AN INCH TO AN INCH. SOUTHERN TOTALS RANGED FROM ONE INCH TO OVER 4 INCHES AND RUNOFF WAS CONSIDERABLE.

THE EXTENDED FORECAST WEDNESDAY THROUGH FRIDAY CALLS FOR A CONTINUING PATTERN OF WARM AFTERNOON TEMPERATURES, ELEVATED HUMIDITY LEVELS, AND A RISK OF THUNDERSHOWERS DAILY, MAINLY IN THE AFTERNOON AND EARLY EVENING HOURS.

Week ending 8 A.M. Monday, July 6, 1987

Location	Temperatures			Precipitation			Growing Degree Days(50F)		
	:Maxi-	:Mini-	:Depar-	:Curr.:	:Since:	:Departure	:Curr.:	:Since	:Departure
	:mum	:mum	:ture	:week	:May 1:	:since May 1:	:week	:May 1:	:since May 1
ELIZABETH	81	59	0	0.39	5.34	-3.75	148	1195	157
ROCKFORD	80	62	0	0.96	7.23	-2.05	156	1289	269
CHICAGO	80	64	0	0.64	4.90	-3.09	160	1312	310
CHI BOTANICAL	78	62	-3	0.42	6.89	-1.23	146	1185	85
ELWOOD	81	63	0	1.34	5.24	-3.60	159	1319	278
WATSEKA	81	64	0	1.10	6.72	-2.89	163	1340	201
PERU	81	63	-1	0.42	7.11	-1.57	161	1335	161
MOLINE	84	63	0	0.29	5.01	-4.48	170	1425	288
PEORIA	82	65	0	0.30	5.06	-3.45	168	1418	267
KILBOURNE	83	65	0	0.98	5.64	-3.41	172	1484	233
MONMOUTH	83	62	-1	0.16	4.27	-4.41	163	1380	199
QUINCY	83	65	-1	1.15	6.81	-2.40	172	1491	257
PERRY	83	63	-2	0.43	4.86	-3.81	165	1385	109
SPRINGFIELD	83	67	0	4.21	7.92	0.13	176	1521	252
DECATUR	83	66	-1	3.00	8.48	-0.91	173	1490	219
URBANA	82	65	0	1.02	5.53	-2.85	168	1453	253
WINDSOR	84	65	0	1.17	3.48	-5.64	175	1503	235
TERRE HAUTE	83	66	0	4.50	11.96	3.05	175	1479	267
ST LOUIS	86	71	NA	1.42	6.45	NA	198	1655	NA
BELLEVILLE	86	68	0	2.56	9.08	0.61	189	1578	237
BROWNSTOWN	88	67	2	2.21	5.69	-3.67	185	1564	279
IUKA	86	64	-2	4.63	9.10	0.36	173	1507	166
LAWRENCEVILLE	86	64	NA	2.34	7.84	NA	173	1527	NA
VINCENNES	84	65	-1	2.33	11.61	2.56	176	1512	222
DIXON SPRINGS	86	65	-2	3.65	10.78	1.56	180	1589	157
PADUCAH	87	69	0	2.18	6.83	-2.72	194	1678	238
OLIVE BRANCH	86	66	0	2.50	9.26	-0.27	183	1634	244
CARBONDALE	84	64	-2	1.29	9.75	0.71	173	1563	190
C GIRARDEAU	86	69	NA	4.23	11.55	NA	192	1673	NA

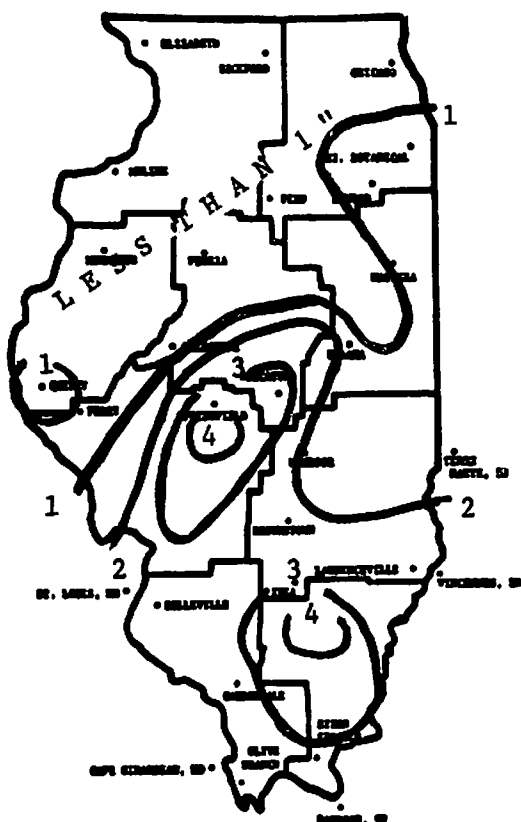
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P.O. BOX 19283
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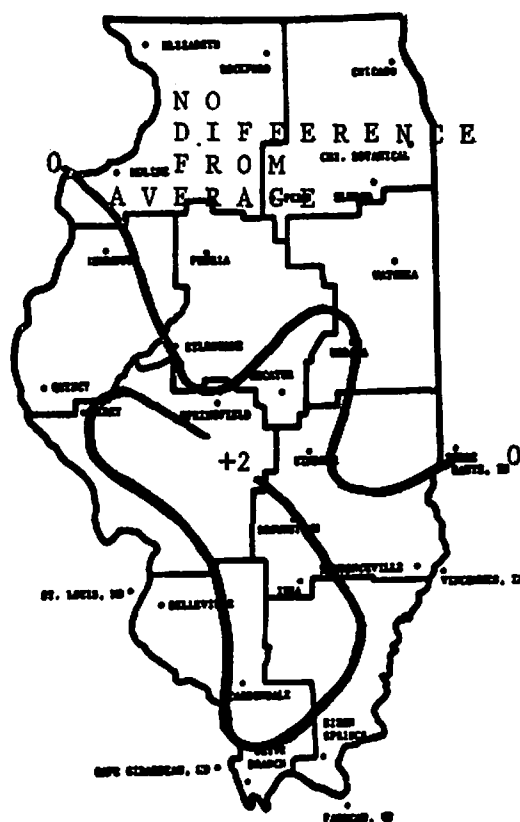
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PRECIPITATION (INCHES)
JUNE 30-JULY 6, 1987



TEMPERATURE DEPARTURES FROM
AVERAGE (°F) JUNE 30-JULY 6

CROP INFORMATION in this report is provided voluntarily by county officials of Extension Service and SCS, and agribusiness managers. Additional WEATHER INFORMATION is provided by the Illinois State Water Survey, IDE&NR, Champaign, Ill.; and National Weather Service Cooperative Observers, NOAA, Rosemont, Ill.

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